

GenCore version 5.1.6
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OM protein - protein search, using sw model

Kun on: October 5, 2004, 11:24:28 ; Search time 13.8 Seconds
(without alignments)
493.814 Million cell updates/sec

Title: US-09-840-795-15

Perfect score: 132
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Scoring table: OLIGO
Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents AA.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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5	7	5.3	857	4	US-08-887-534A-47
6	7	5.3	857	4	US-09-527-431-47
7	6	4.5	13	4	US-09-248-061B-15
8	6	4.5	14	4	US-09-400-653A-36
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10	6	4.5	78	4	US-09-621-976-7280
11	6	4.5	124	4	US-09-107-532A-6397
12	6	4.5	159	4	US-09-732-210-194
13	6	4.5	193	4	US-09-134-000C-3945
14	6	4.5	208	4	US-09-252-991A-17638
15	6	4.5	220	4	US-09-252-991A-26441
16	6	4.5	221	4	US-09-489-039A-10628
17	6	4.5	223	4	US-09-252-991A-20528
18	6	4.5	229	4	US-09-252-991A-29247
19	6	4.5	235	4	US-09-795-110-2
20	6	4.5	238	4	US-09-134-000C-6030
21	6	4.5	250	3	US-09-167-717-2
22	6	4.5	254	4	US-09-543-681A-6270
23	6	4.5	254	4	US-09-543-681A-6271
24	6	4.5	257	4	US-09-107-532A-5975
25	6	4.5	264	2	US-07-857-224B-34
26	6	4.5	266	4	US-09-252-991A-27464
27	6	4.5	272	4	US-09-252-991A-20051

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28 6 4.5 319 4 US-09-134-001C-3330 Sequence 3330, Ap
29 6 4.5 327 2 US-08-651-818A-3 Sequence 3, Appli
30 6 4.5 327 3 US-09-184-826-3 Sequence 3, Appli
31 6 4.5 337 4 US-09-252-991A-28595 Sequence 28595, A
32 6 4.5 341 2 US-08-208-521-11 Sequence 11, Appli
33 6 4.5 346 4 US-09-328-352-5541 Sequence 5541, Ap
34 6 4.5 355 4 US-09-540-236-2330 Sequence 2330, Ap
35 6 4.5 356 4 US-09-252-991A-25656 Sequence 25656, A
36 6 4.5 387 4 US-09-252-991A-22112 Sequence 22112, A
37 6 4.5 391 3 US-09-131-028A-4 Sequence 4, Appli
38 6 4.5 391 3 US-09-131-028A-14 Sequence 14, Appli
39 6 4.5 393 4 US-09-194-905-13 Sequence 13, Appli
40 6 4.5 398 4 US-09-252-991A-17491 Sequence 17491, A
41 6 4.5 405 4 US-09-134-001C-3496 Sequence 3496, Ap
42 6 4.5 420 4 US-09-252-991A-29544 Sequence 29544, A
43 6 4.5 426 4 US-09-972-784-2 Sequence 2, Appli
44 6 4.5 432 4 US-09-252-991A-31177 Sequence 31177, A
45 6 4.5 443 4 US-09-543-681A-5452 Sequence 5452, Ap

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ALIGNMENTS

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RESULT 1
US-09-548-130-6
; Sequence 6, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 6
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Human
US-09-548-130-6

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Best Local Similarity 100.0%; Pred. No. 3.2e-39;
Matches 47; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MDCQENEYWDQGRVCVCORCGQGOELSKDCGCGGGDAYCTACPPR 47

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RESULT 2

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US-09-548-130-3
; Sequence 3, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 299
; TYPE: PRT

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OM protein - protein search, using sw model

Run on: October 5, 2004, 11:24:28 ; Search time 8.05 Seconds
(without alignments)
493.814 Million cell updates/sec

Title: US-09-840-795-17
Perfect score: 77
Sequence: 1 MDCQNEYWDQWGRVCVTQCR.....CQCITCAVINRVKQVLHS 77

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Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0
Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-Processing: Listing first 45 summaries

Database : Issued Patents AA:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	56	72.7	299	US-09-548-130-3	Sequence 3, Appli
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4	6	7.8	223	US-09-252-991A-20528	Sequence 20528, A
5	6	7.8	266	US-09-543-681A-5038	Sequence 5038, Ap
6	6	7.8	275	US-09-252-991A-18717	Sequence 18717, A
7	6	7.8	337	US-09-252-991A-28595	Sequence 28595, A
8	6	7.8	346	US-08-744-779A-2	Sequence 2, Appli
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10	6	7.8	356	US-09-252-991A-25656	Sequence 25656, A
11	6	7.8	388	US-09-540-236-3444	Sequence 3444, Ap
12	6	7.8	333	US-09-194-905-13	Sequence 13, Appli
13	6	7.8	335	US-09-328-352-6660	Sequence 6660, Ap
14	6	7.8	420	US-09-252-991A-29544	Sequence 29544, A
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16	6	7.8	440	US-09-252-991A-19593	Sequence 19593, A
17	6	7.8	443	US-09-543-681A-5452	Sequence 5452, Ap
18	6	7.8	460	US-09-252-991A-27768	Sequence 27768, A
19	6	7.8	566	US-09-489-039A-8217	Sequence 8217, Ap
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22	6	7.8	686	US-09-489-039A-13507	Sequence 13507, A
23	6	7.8	742	US-09-252-991A-29239	Sequence 29239, A
24	6	7.8	746	US-09-548-797B-4	Sequence 4, Appli
25	6	7.8	787	US-08-720-484A-4	Sequence 4, Appli
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39	6	7.8	849	4	US-09-548-797B-6	Sequence 6, Appli
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42	6	7.8	978	2	US-08-415-593-43	Sequence 43, Appli
43	6	7.8	1049	4	US-09-252-991A-17298	Sequence 17298, A
44	6	7.8	3256	4	US-09-919-172-98	Sequence 98, Appli
45	6	7.8	3256	4	US-09-976-594-22	Sequence 22, Appli

ALIGNMENTS

RESULT 1
US-09-548-130-6
; Sequence 6, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 6
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Human
US-09-548-130-6

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Best Local Similarity 100.0%; Pred. No. 18-51; Indels 0; Gaps 0;
Matches 56; Conservative 0; Mismatches 0;
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; Sequence 3, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; TITLE OF INVENTION: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 3
; LENGTH: 299
; TYPE: PRT

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OM protein - protein search, using sw model

Run on: October 5, 2004, 11:24:28 ; Search time 24.15 Seconds
(without alignments)
493.814 Million cell updates/sec

Title: US-09-840-795-19
Perfect score: 231
Sequence: 1 MDCOEYWDQGRVCVTCQR.....AQLFSLDSVPFPOQQQPEM 231

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Searched: 389414 seqs, 51625971 residues

Word size : 0
Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents AA.*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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6	8	3.5	487	4	US-09-328-352-5767
7	8	3.5	626	2	US-08-536-300A-7
8	8	3.5	626	2	US-08-536-300A-14
9	7	3.0	131	2	US-08-834-655-9
10	7	3.0	131	3	US-08-834-033A-10
11	7	3.0	131	3	US-09-363-574-9
12	7	3.0	131	4	US-09-363-526-9
13	7	3.0	184	4	US-09-325-322A-66
14	7	3.0	191	4	US-09-540-326-2276
15	7	3.0	197	4	US-09-480-297A-23
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17	7	3.0	197	4	US-09-816-744-4
18	7	3.0	218	4	US-09-252-991A-18053
19	7	3.0	219	4	US-09-439-261-20
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21	7	3.0	228	4	US-09-252-991A-22217
22	7	3.0	247	4	US-09-489-039A-7332
23	7	3.0	259	4	US-09-252-991A-16864
24	7	3.0	287	4	US-09-439-261-13
25	7	3.0	287	4	US-09-227-613-14
26	7	3.0	288	4	US-09-439-261-14
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29	7	3.0	288	4	US-09-227-613-15	Sequence 15, Appl
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31	7	3.0	359	4	US-09-540-824-2	Sequence 2, Appl
32	7	3.0	360	4	US-09-439-261-41	Sequence 41, Appl
33	7	3.0	360	4	US-09-227-613-39	Sequence 39, Appl
34	7	3.0	419	1	US-08-385-186-4	Sequence 4, Appl
35	7	3.0	444	4	US-09-439-261-11	Sequence 11, Appl
36	7	3.0	444	4	US-09-439-261-43	Sequence 43, Appl
37	7	3.0	444	4	US-09-227-613-12	Sequence 12, Appl
38	7	3.0	444	4	US-09-227-613-42	Sequence 42, Appl
39	7	3.0	444	4	US-09-048-888-3	Sequence 3, Appl
40	7	3.0	445	4	US-09-439-261-39	Sequence 39, Appl
41	7	3.0	445	4	US-09-439-261-45	Sequence 45, Appl
42	7	3.0	452	1	US-08-290-978A-5	Sequence 5, Appl
43	7	3.0	452	2	US-08-780-863-5	Sequence 5, Appl
44	7	3.0	462	1	US-08-748-591-4	Sequence 4, Appl
45	7	3.0	462	1	US-08-748-591-9	Sequence 9, Appl

ALIGNMENTS

RESULT 1
US-09-548-130-6
; Sequence 6, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1
; CURRENT APPLICATION NUMBER: US/09/548,130
; CURRENT FILING DATE: 2000-04-12
; EARLIER APPLICATION NUMBER: US 60/128,849
; EARLIER FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 13
; SEQ ID NO 6
; LENGTH: 297
; TYPE: PRT
; ORGANISM: Human
US-09-548-130-6

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Qy	118	CAFQSLVSEADAPTVPQCEATLVALLVSSLLVVFILAFGLFFLYCKOFFENRHCORGGLQ	177	
Db	118	CAFQSLVSEADAPTVPQCEATLVALLVSSLLVVFILAFGLFFLYCKOFFENRHCORGGLQ	177	
Qy	178	FEADTKAEESLFPVPPSKETSASQVS 205		
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RESULT 2
US-09-548-130-3
; Sequence 3, Application US/09548130
; Patent No. 6534061
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Pan, James
; APPLICANT: Yan, Minhong
; TITLE OF INVENTION: NOVEL TUMOR NECROSIS FACTOR RECEPTOR HOMOLOGS AND
; FILE REFERENCE: NUCLEIC ACIDS ENCODING THE SAME
; FILE REFERENCE: P1739R1